



K-12 Engineering Outreach

Purpose

This program delivers hands-on engineering activities to classrooms, libraries, and camps, to address the need for more people in the STEM fields, particularly women and minorities. More than 250 OSU student volunteers engage kids by teaching them how to build real engineering projects, such as speakers or motors, that they can take home.

Impact

The K12 Engineering program has visited nearly 90 schools, bringing hands-on projects to well over 13,000 K12 students, many of whom may never have thought they could be an engineer.

OSU students have used their engineering know-how to design over 20 projects to be age-appropriate, fun, and low-cost. They get to give back to their communities and their professions.

Students have travelled abroad to deliver these projects to schools in Colombia and Guatemala.



Ohio State Colleges/Units Involved

College of Engineering
Department of Electrical and Computer Engineering

Community Partners Involved

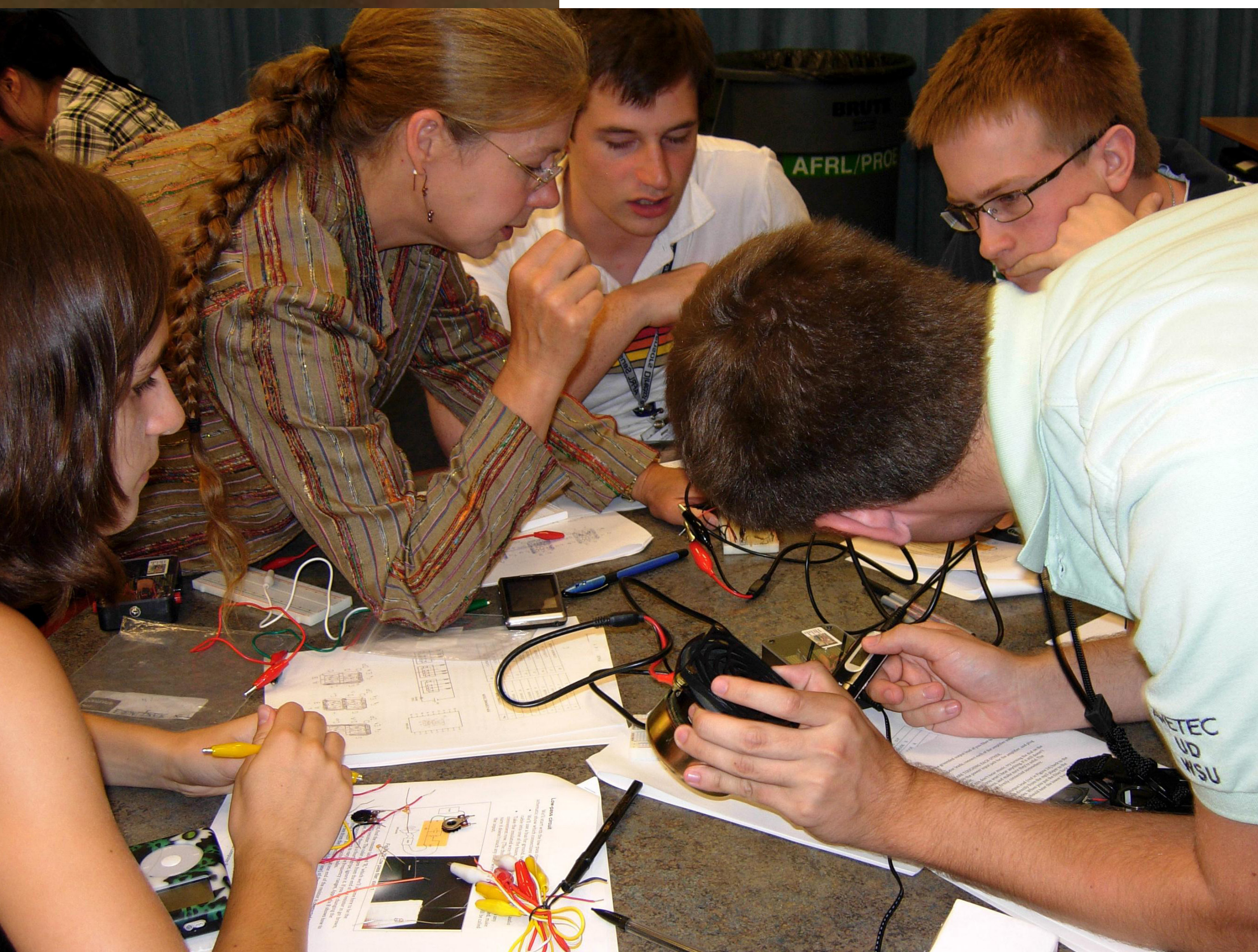
90 different schools
Columbus Metro Libraries
Engineering Explorer Post
Young Scholars Program
Wright Scholars Program
YMCA
Math and Science Club
4H
King Arts Complex Summer Arts Camp
Science Olympiad

How you can get involved:

- Invite us to your school, library, camp, after-school program
- Invite us to teach your teachers
- Donations for supplies always welcome
- Funding to support students

To get involved, contact:

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2015 Distinguished Community Engagement Award